

ATTORNEY DOCKET

PATENT APPLICATION

016295.1659

(DC-06524)

**APPLICATION FOR U.S. PATENT UNDER 37 C.F.R. 1.53(b)  
TRANSMITTAL FORM**

**Mail Stop Patent Applications**

**EXPRESS MAIL NO. EV 3523888875 US**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of:

**Inventors: Jinsaku Masuyama and Rajen Murugan**

**Assignee: Dell Products L.P., Round Rock, Texas**

**Title: *Method, System and Apparatus for Controlled Impedance at Transitional Plated-Through Hole Via Sites Using Barrel Inductance Minimization***

Enclosed are:

- X Specification w/Cover Sheet (23 Pages)
- X Drawings (2 Sheets Formal)
- X Signed combined Declaration and Power of Attorney (3 pages)
- X Assignment of the invention to **Dell Products L.P.**; Assignment Recordation Form Coversheet in compliance with 37 C.F.R. §§ 3.28 and 3.31; recordation fee of \$40.00 pursuant to 37 C.F.R. § 1.21(h). (4 pages)
- X Information Disclosure Statement and PTO Form 1449 (3 pages)
- X Check in the amount of \$770.00
- X Certificate of Mailing (1 page)
- X Return Receipt Postcard

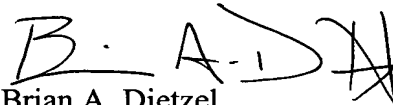
Applicant is a large Entity.

FEE CALCULATION					FEE
	Number		Number Extra	Rate	Basic Fee
					\$770.00
Total Claims	20	-20 =	1	1 X \$18 =	\$18.00
Independent Claims	3	-3 =	0	0 X \$86 =	0
TOTAL FILING FEE =					\$770.00

Enclosed is a check in the amount of \$770.00 to satisfy filing fee requirements under 37 C.F.R. § 1.16. Please charge any additional fees or credit any overpayment to Deposit Account No. 02-0383 of BAKER BOTTS L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.  
Attorneys for Applicants

  
Brian A. Dietzel  
Reg. No. 44,656

Date: April 20, 2004

Correspondence Address:

Customer Number **23640**

512.322.2674  
512.322.8307 (Fax)

16310  
BAKER BOTTS LLP

# FEE TRANSMITTAL for FY 2004

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT (\$)** 810

**Complete if Known**

Application Number	
Filing Date	April 20, 2004
First Named Inventor	Jinsaku Masuyama
Examiner Name	
Art Unit	
Attorney Docket No.	016295.1659

**METHOD OF PAYMENT (check all that apply)**
☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

 Deposit  
Account  
Number  
Deposit  
Account  
Name

02-0383

Baker Botts LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee required under 37CFR 1.16 and '1.17

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION**
**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	375	Utility filing fee	770
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>					<b>(\$)</b> 770

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
20	20	18	0
3	3	86	0
Multiple Dependent	0		0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$0)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)**
**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$40)

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Brian A. Dietzel	Registration No. (Attorney/Agent)	44,656	Telephone	512.322.2674
Signature	<i>Brian A. Dietzel</i>	Date	02.20.2004		

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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Inventors:** Jinsaku Masuyama and Rajen Murugan  
**Filing Date:** April 20, 2004  
**Assignee:** Dell Products L.P., Round Rock, Texas  
**Title:** *Method, System and Apparatus for Controlled Impedance at Transitional Plated-Through Hole Via Sites Using Barrel Inductance Minimization*

**Mail Stop Patent Application**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

CERTIFICATE OF MAILING BY EXPRESS MAIL

I hereby certify that the attached Patent Application Transmittal, Patent Application, Formal Drawings, Information Disclosure Statement, PTO Form 1449, Assignment, Recordation Form Coversheet and check in the amount of \$40.00, Declaration and Power of Attorney, check in the amount of \$770.00, and postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on this 20th day of April, 2004, and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Shannon Judice

Express Mail Receipt  
No. EV352388875US  
Attorney Docket:  
016295.1659  
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